

Strengthening food supply capabilities

Maintenance and renewal of farmland, irrigation drainage canal

We are implementing the "Government-operated irrigation and drainage project" to enhance the irrigation service facility by maintenance and improvement of the old irrigation drainage canal, by creating the irrigation management system at farmland.

Improvement of the irrigation service facility by renewal of the irrigation canal, by creating the irrigation management system

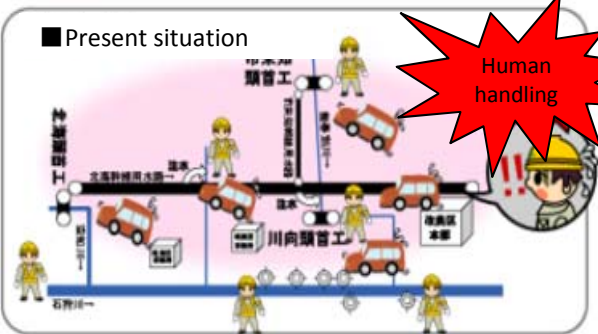


Collapse of the wall at "Hokkai canal"

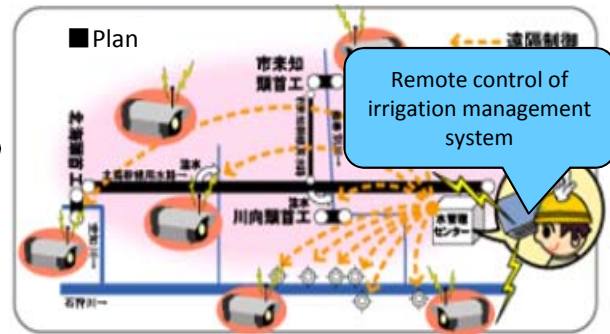
○Ensuring the irrigation service facility by renewal of the old facility

- Enhancing the irrigation service facility
 - Enhancing the irrigation coordination function for enlargement of farming (growing demand at peak, change to pipeline)
 - The irrigation service what need readiness for production of the high-quality rice (readiness service for deep ponding irrigation)
 - The safety discharge management in the irrigation channel when the regional drainage water is inflowing (operation by analysis of weather data)

○Enhancing durability of facility by introduction of the new technology for the freezing damage



Patrol, check and gate control by human handling
→Significant work cost and low readiness



Remote control by the irrigation management system
→Laborsaving, low-cost, high readiness

Ex: Government-operated irrigation and drainage project "Hokkai 1'st", "Hokkai 2'nd"
 ●Terms: 2010~2018(2021) ●Beneficiary: 27,002ha
 ●Municipality: Iwamizawa city, Bibai city, Akabira city, Mikasa city, Sunagawa city, Nanporo town, Naie town, Shin-shinotsu village
 ●Plan: Head works, Irrigation canal, Irrigation management system
 ●Main crop: rice, wheat, soy beans, onion, red beans, vegetables, flower